What is claimed is:

1. A land mobile-satellite communication system comprising:

at least one communication satellite station;

a plurality of portable communication terminals for communicating with each other through a communication link to be formed to include said at least one communication satellite station; and

a plurality of mobile repeater stations mounted on mobiles located on the earth for repeating a communication in said communication link formed between said portable communication terminals and including said at least one communication satellite station.

2. The land mobile -satellite communication system as claimed in claim 1 including,

a plurality of said communication satellite stations respectively mounted on a plurality of low earth communication satellites and each said station including a means for communicating with other said stations through inter-satellite links.

3. The land mobile-satellite communication system as claimed in claim 2, wherein :

said mobile repeater stations include a means for communicating with said communication satellite stations by using a carrier wave of higher frequency than a frequency of a carrier wave to be used for communicating with said portable communication terminals.

4. The land mobile -satellite communication system as claimed

in claims 2, wherein;

said portable communication terminals include a means for transmitting a position signal repeatedly, said position signal including an identification code of the portable communication

terminals and a test pattern;

said mobile repeater stations include a means for transmitting a repeated position signal to said communication satellite stations by adding a self identification code to said position signal received from said portable communication terminals ; and

said communication satellite stations include a means for selecting one of said mobile repeater stations which transmits said repeated position signal including the test pattern having a highest quality to be a mobile repeater station for the portable communication terminals.

5. The land mobile -satellite communication system as claimed

in claims 3, wherein;

said portable communication terminals include a means for transmitting a position signal approximately periodically, said position signal including an identification code of the portable communication terminals and a test pattern;

said mobile repeater stations including a means for transmitting a repeated position signal to said communication satellite stations by adding a self identification code to said position signal received from said portable communication terminals ; and

said communication satellite stations include a means for selecting one of said mobile repeater stations which transmits said repeated position signal including the test pattern having a highest quality to be a mobile repeater station for the portable communication terminals.

6. The land mobile -satellite communication system as claimed in claim 2, wherein :

said portable communication terminals include a means for communicating with said mobile repeater stations as well as with conventional land mobile communication systems.

7. The land mobile-satellite communication system as claimed in claim 2, wherein :

said mobile repeater stations include a means for converting at least one of frequency and modulation for communication by changing software to allow communication with conventional land mobile communication systems.

8. The land mobile- satellite communication system as claimed in claim 2, wherein:

said communication satellite stations include a means for transmitting information about their own position; and

said mobile repeater stations include means for aiming an antenna beam thereof at the communication satellites according to received information about the position of the communication satellites and a detected position of the mobile repeater stations.

9. The land mobile- satellite communication system as claimed in claim 3, wherein:

said communication satellite stations include a means for transmitting information about their own position; and

said mobile repeater stations include means for aiming an antenna beam thereof at the communication satellites according to received information about the position of the communication satellites and a detected position of the mobile repeater stations.

10. The land mobile- satellite communication system as claimed in claim 2, wherein:

said communication satellite stations include a means for functioning as a Peering points or Proxies to provide accessibility to conventional land mobile telephone systems or Internet.

11. The land mobile- satellite communication system as claimed in claim 2, wherein:

said communication satellite stations include a means for

storing data received from said portable communication terminals and for functioning as servers.

12. The land mobile- satellite communication system as claimed in claim 2, wherein:

said mobile repeater stations include a means for responding to a request from said communication satellite stations and / or portable communication terminals and for functioning as providers.

13. The land mobile- satellite communication system as claimed in claim 1, wherein:

said mobile repeater stations include a means for communicating with said at least one communication satellite station by using a carrier wave of higher frequency than a frequency of a carrier wave to be used for communicating with said portable communication terminals.